

ABSTRACT OF THE DISCLOSURE

A mechanism is provided for implementing multi-level resource control in operating system partitions. In one implementation, one or more non-global partitions may be established within a global operating system environment provided by an operating system. Each non-global partition may have one or more projects executing therein, and each project may comprise one or more processes. Each non-global partition may have associated therewith a first resource limit. This resource limit indicates how much of a particular resource has been allocated to the non-global partition as a whole. Each project executing within a non-global partition may have associated therewith a second resource limit. This limit indicates what amount of the particular resource allocated to the non-global partition has been allocated to that project. By setting multiple limits in this manner, it is possible to control resource allocation at multiple levels.